Examiner-Initiated Interview Summary	Application No. 10/572,628	Applicant(s) AMOS ET AL.
	Examiner M. Louisa Lao	Art Unit 1621

All Participants:

(1) *M. Louisa Lao*.

(2) *David Heiser*.

Status of Application: _____

(3) *Allen Sievert*.

(4) _____.

Date of Interview: *18 September 2007*   **Time:** *530pm*

Type of Interview:
☒ Telephonic
☐ Video Conference
☐ Personal (Copy given to: ☐ Applicant   ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes   ☐ No
If Yes, provide a brief description: .

Part I.

Rejection(s) discussed:
none

Claims discussed:
none

Prior art documents discussed:
none

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:
Applicant suppled the step-wise procedure to arrive at the recitations for "atom percent" which entailed a mol to atom to atom percent calculation- which is summarized in the contnuation sheet..

Part III.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

_____ (Examiner/SPE Signature)

_____ (Applicant/Applicant's Representative Signature – if appropriate)

To calculate "atom percent"

assume 1000 gm sample into which is added 5% Cr2O3 (i.e. 50gm)
   step 1 - determine MW where Cr2O3 MW= 152   ZnCr2O4 MW 233.4

   step 2- determine moles
      50/152 = 0.33 mol Cr2O3
      1000/233.4 = 4.28 mol ZnCr2O4

   step 3- determine atom equivalent of Cr in mol of components
      0.33 mol Cr2O3 is equivalent to 2 atoms Cr times 0.33 then = 0.66 atom equivalents Cr
      4.28 mol ZnCr2O4 is equiv to 2 Cr times 4.28 then = 8.56 atom equivalentst Cr

   step 4- determine atom percent Cr in 1050gms
      [0.66/ (8.56 + 0.66)] = 92.8 atom percent Cr

However, Applicants have not provided the atom percent calculatiions of the recited claims in reference to the working examples.